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RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/384,327

DATE: 03/11/2002
 TIME: 10:59:54

Input Set : N:\Crf3\RULE60\09384327.txt
 Output Set: N:\CRF3\03112002\I384327.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Grinnell, Brian W.
 8 (ii) TITLE OF INVENTION: METHOD FOR COAMPLIFICATION OF HUMAN
 9 PROTEIN C GENES IN HUMAN CELLS

11 (iii) NUMBER OF SEQUENCES: 21

13 (iv) CORRESPONDENCE ADDRESS:

14 (A) ADDRESSEE: Eli Lilly and Company
 15 (B) STREET: Lilly Corporate Center/Patent Division
 16 (C) CITY: Indianapolis
 17 (D) STATE: IN
 18 (E) COUNTRY: US
 19 (F) ZIP: 46285

21 (v) COMPUTER READABLE FORM:

22 (A) MEDIUM TYPE: Floppy disk
 23 (B) COMPUTER: IBM PC compatible
 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

27 (vi) CURRENT APPLICATION DATA:

C--> 28 (A) APPLICATION NUMBER: US/09/384,327
 C--> 29 (B) FILING DATE: 16-Aug-1999
 30 (C) CLASSIFICATION:

32 (vii) PRIOR APPLICATION DATA:

33 (A) APPLICATION NUMBER: 08/458,372
 34 (B) FILING DATE: 02-JUN-1995

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: Norman, Douglas K.
 40 (B) REGISTRATION NUMBER: 33,267
 41 (C) REFERENCE/DOCKET NUMBER: X-66061

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: 317-276-2958
 45 (B) TELEFAX: 317-277-1917

48 (2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

51 (A) LENGTH: 200 base pairs
 52 (B) TYPE: nucleic acid
 53 (C) STRANDEDNESS: single
 54 (D) TOPOLOGY: linear

56 (ii) MOLECULE TYPE: mRNA

62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

64	ACUCUCUCC	GCAUCGUGU	CUGCGAGGGC	CAGCUGUUGG	GCUCGCGGUU	GAGGACAAAC	60
66	UCUUCGCGGU	CUUUCAGUA	CUCUUGGAUC	GGAAACCCGU	CGGCCUCCGA	ACGUACUCCG	120
68	CCACCGAGGG	ACCUGAGCGA	GUCCGCAUCG	ACCGGAUCGG	AAAACCUCUC	GAGAAAGGCG	180

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70 UCUAACCAGU CACAGUCGCA                                200
73 (2) INFORMATION FOR SEQ ID NO: 2:
75   (i) SEQUENCE CHARACTERISTICS:
76       (A) LENGTH: 33 base pairs
77       (B) TYPE: nucleic acid
78       (C) STRANDEDNESS: single
79       (D) TOPOLOGY: linear
81   (ii) MOLECULE TYPE: mRNA
84   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
86 ACUCUCUUCG GCAUCGCUGU CUGCGAGGGC CAG                33
88 (2) INFORMATION FOR SEQ ID NO: 3:
90   (i) SEQUENCE CHARACTERISTICS:
91       (A) LENGTH: 12 base pairs
92       (B) TYPE: nucleic acid
93       (C) STRANDEDNESS: single
94       (D) TOPOLOGY: linear
96   (ii) MOLECULE TYPE: DNA (genomic)
99   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
101 AGCTTTGATC AG                                       12
104 (2) INFORMATION FOR SEQ ID NO: 4:
106   (i) SEQUENCE CHARACTERISTICS:
107       (A) LENGTH: 12 base pairs
108       (B) TYPE: nucleic acid
109       (C) STRANDEDNESS: single
110       (D) TOPOLOGY: linear
112   (ii) MOLECULE TYPE: DNA (genomic)
117   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
119 GCACCTGATC AA                                       12
122 (2) INFORMATION FOR SEQ ID NO: 5:
124   (i) SEQUENCE CHARACTERISTICS:
125       (A) LENGTH: 8 base pairs
126       (B) TYPE: nucleic acid
127       (C) STRANDEDNESS: single
128       (D) TOPOLOGY: linear
130   (ii) MOLECULE TYPE: DNA (genomic)
133   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
135 GTGATCAA                                             8
138 (2) INFORMATION FOR SEQ ID NO: 6:
140   (i) SEQUENCE CHARACTERISTICS:
141       (A) LENGTH: 16 base pairs
142       (B) TYPE: nucleic acid
143       (C) STRANDEDNESS: single
144       (D) TOPOLOGY: linear
146   (ii) MOLECULE TYPE: DNA (genomic)
149   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
151 GATCTTGATC ACTGCA                                   16
154 (2) INFORMATION FOR SEQ ID NO: 7:
156   (i) SEQUENCE CHARACTERISTICS:
157       (A) LENGTH: 8 base pairs

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158      (B) TYPE: nucleic acid
159      (C) STRANDEDNESS: single
160      (D) TOPOLOGY: linear
162      (ii) MOLECULE TYPE: DNA (genomic)
165      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
167 CCGATCCG                                     8
172 (2) INFORMATION FOR SEQ ID NO: 8:
174      (i) SEQUENCE CHARACTERISTICS:
175          (A) LENGTH: 8 base pairs
176          (B) TYPE: nucleic acid
177          (C) STRANDEDNESS: single
178          (D) TOPOLOGY: linear
180      (ii) MOLECULE TYPE: DNA (genomic)
183      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
185 CCGATCCG                                     8
188 (2) INFORMATION FOR SEQ ID NO: 9:
190      (i) SEQUENCE CHARACTERISTICS:
191          (A) LENGTH: 287 base pairs
192          (B) TYPE: nucleic acid
193          (C) STRANDEDNESS: single
194          (D) TOPOLOGY: linear
196      (ii) MOLECULE TYPE: DNA (genomic)
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
201 AATTCACGCT GTGGTGTTAT GGTCGGTGGT CGCTAGGGTG CCGACGCGCA TCTCGACTGC       60
203 ACGGTGCACC AATGCTTCTG GCGTCAGGCA GCCAATCGGA AGCTGTGGTA TGGCTGTGCA       120
205 GGTCGTATAA TCACCGCATA ATTCGAGTCG CTCAAGGCGC ACTCCCGTTC CGGATAATGT       180
207 TTTTGTCTCC GACATCATAA CGGTTCGGGC AAATATTCTG AAATGAGCTG TTGACAATTA       240
209 ATCATCGAAC TAGTTAACTA GTACGCAAGT TCTCGTAAAA AGGGTAT                    287
212 (2) INFORMATION FOR SEQ ID NO: 10:
214      (i) SEQUENCE CHARACTERISTICS:
215          (A) LENGTH: 285 base pairs
216          (B) TYPE: nucleic acid
217          (C) STRANDEDNESS: single
218          (D) TOPOLOGY: linear
220      (ii) MOLECULE TYPE: DNA (genomic)
223      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
225 CGATACCCTT TTTACGAGAA CTTGCGTACT AGTTAACTAG TTCGATGATT AATTGTCAAC       60
227 AGCTCATTTT AGAATATTTG CCGGAACCGT TATGATGTCG GAGCAAAAAA CATTATCCGG       120
229 AACGGGAGTG CGCCTTGAGC GACTCGAATT ATGCGGTGAT TATACGACCT GCACAGCCAT       180
231 ACCACAGCTT CCGATTGGCT GCCTGACGCC AGAAGCATTG GTGCACCGTG CAGTCGAGAT       240
233 GCGCGTCGGC ACCCTAGCGA CCACCGACCA TAACACCACA GCGTG                    285
237 (2) INFORMATION FOR SEQ ID NO: 11:
239      (i) SEQUENCE CHARACTERISTICS:
240          (A) LENGTH: 8 base pairs
241          (B) TYPE: nucleic acid
242          (C) STRANDEDNESS: single
243          (D) TOPOLOGY: linear
245      (ii) MOLECULE TYPE: DNA (genomic)
249      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

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251 CCATATGG
254 (2) INFORMATION FOR SEQ ID NO: 12:
256     (i) SEQUENCE CHARACTERISTICS:
257         (A) LENGTH: 8 base pairs
258         (B) TYPE: nucleic acid
259         (C) STRANDEDNESS: single
260         (D) TOPOLOGY: linear
262     (ii) MOLECULE TYPE: DNA (genomic)
265     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
267 CCATATGG
270 (2) INFORMATION FOR SEQ ID NO: 13:
272     (i) SEQUENCE CHARACTERISTICS:
273         (A) LENGTH: 8 base pairs
274         (B) TYPE: nucleic acid
275         (C) STRANDEDNESS: single
276         (D) TOPOLOGY: linear
278     (ii) MOLECULE TYPE: DNA (genomic)
282     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
284 CGTTAACG
287 (2) INFORMATION FOR SEQ ID NO: 14:
289     (i) SEQUENCE CHARACTERISTICS:
290         (A) LENGTH: 8 base pairs
291         (B) TYPE: nucleic acid
292         (C) STRANDEDNESS: single
293         (D) TOPOLOGY: linear
295     (ii) MOLECULE TYPE: DNA (genomic)
298     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
300 CGTTAACG
303 (2) INFORMATION FOR SEQ ID NO: 15:
305     (i) SEQUENCE CHARACTERISTICS:
306         (A) LENGTH: 36 base pairs
307         (B) TYPE: nucleic acid
308         (C) STRANDEDNESS: single
309         (D) TOPOLOGY: linear
311     (ii) MOLECULE TYPE: DNA (genomic)
314     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
316 GGAAGTGCT GTGAAATATC CACCTGCGGC CTGAGA
319 (2) INFORMATION FOR SEQ ID NO: 16:
321     (i) SEQUENCE CHARACTERISTICS:
322         (A) LENGTH: 46 base pairs
323         (B) TYPE: nucleic acid
324         (C) STRANDEDNESS: single
325         (D) TOPOLOGY: linear
327     (ii) MOLECULE TYPE: DNA (genomic)
330     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
332 CTAGAGGTA TTAATAATGT ATCGATTAA ATAAGGAGGA ATAACA
335 (2) INFORMATION FOR SEQ ID NO: 17:
338     (i) SEQUENCE CHARACTERISTICS:
339         (A) LENGTH: 44 base pairs

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340      (B) TYPE: nucleic acid
341      (C) STRANDEDNESS: single
342      (D) TOPOLOGY: linear
344      (ii) MOLECULE TYPE: DNA (genomic)
347      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
349 TATGTTATTC CTCCTTATTT AAATCGATAC ATTATTAATA CCCT      44
352 (2) INFORMATION FOR SEQ ID NO: 18:
354      (i) SEQUENCE CHARACTERISTICS:
355          (A) LENGTH: 22 base pairs
356          (B) TYPE: nucleic acid
357          (C) STRANDEDNESS: single
358          (D) TOPOLOGY: linear
360      (ii) MOLECULE TYPE: DNA (genomic)
363      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
365 GATCTATTAA CTCAATCTAG AC      22
368 (2) INFORMATION FOR SEQ ID NO: 19:
370      (i) SEQUENCE CHARACTERISTICS:
371          (A) LENGTH: 22 base pairs
372          (B) TYPE: nucleic acid
373          (C) STRANDEDNESS: single
374          (D) TOPOLOGY: linear
376      (ii) MOLECULE TYPE: DNA (genomic)
378      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
380 TCGAGTCTAG ATTGAGTTAA TA      22
383 (2) INFORMATION FOR SEQ ID NO: 20:
385      (i) SEQUENCE CHARACTERISTICS:
386          (A) LENGTH: 872 base pairs
387          (B) TYPE: nucleic acid
388          (C) STRANDEDNESS: single
389          (D) TOPOLOGY: linear
391      (ii) MOLECULE TYPE: DNA (genomic)
394      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
396 AAGCTTTTCT CATTAAGGGA AGATTTCCCC AGGCAGCTCT TTCAAGGCCT AAAAGGTCCA      60
398 TGAGCTCCAT GGATTCTTCC CTGTTAAGAA CTTTATCCAT TTTTGCAAAA ATTGCAAAAG      120
400 AATAGGGATT TCCCCAAATA GTTTTGCTAG GCCTCAGAAA AAGCCTCCAC ACCCTTACTA      180
402 CTTGAGAGAA AGGGTGGAGG CAGAGGCGGC CTCGGCCTCT TATATATTAT AAAAAAAAAG      240
404 GCCACAGGGA GGAGCTGCTT ACCCATGGAA TGCAGCCAAA CCATGACCTC AGGAAGGAAA      300
406 GTGCATGACT CACAGGGGAA TGCAGCCAAA CCATGACCTC AGGAAGGAAA GTGCATGACT      360
408 CACAGGGAGG AGCTGCTTAC CCATGGAATG CAGCCAAACC ATGACCTCAG GAAGGAAAGT      420
410 GCATGACTGG GCAGCCAGCC AGTGGCAGTT AATAGTGAAG CCCC GCCGAC AGACATGTTT      480
412 TCGAGCCTA GGAATCTTGG CCTTGTCCCC AGTTAACTG GACAAAGGCC ATGGTTCCTGC      540
414 GCCAGGCTGT CCTTCGAGCG GTGTTCCGCG GTCCTCCTCG TATAGAACT CCGACCACTC      600
416 TGAGACGAAG GCTCGCGTCC AGGCCAGCAC GAAGGAGGCT AAGTGGGAGG GGTAGCGGTC      660
418 GTTGTCCACT AGGGGGTCCA CTCGCTCCAG GGTGTGAAGA CACATGTCGC CCTCTTCGGC      720
420 ATCAAGGAAG GTGATTGGTT TATAGGTGTA GGCCAGACCG GGTGTTCTTG AAGGGGGGCT      780
422 ATAAAAGGGG GTGGGGGCGC GTTCGTCTC ACTCTCTTCC GCATCGCTGT CTGCGAGGGC      840
424 CAGCTGATCA GCCTAGGCTT TGCAAAAAGC TT      872
427 (2) INFORMATION FOR SEQ ID NO: 21:
429      (i) SEQUENCE CHARACTERISTICS:

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VERIFICATION SUMMARY

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L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:29 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]